

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (Currently amended): A multimode communication terminal having a secondary-rechargeable battery and controlling a charging operation of the secondary-rechargeable battery in accordance with a communication schema during communication, said multimode communication terminal comprising:

communication means capable of communicating in accordance with a plurality of communication schemas;

communication schema switching means for controlling the communication means in a manner that a communication schema is switched into a designated communication schema among the plurality of communication schemas thereby to communicate in accordance with the designated communication schema;

charging control means for controlling a charging operation of the secondary-rechargeable battery by a different charging control method in accordance with each of the plurality of communication schemas; and

charging control method selecting means for selecting the charging control method for charging the secondary-rechargeable battery by the charging control means in accordance with the

communication schema of communication being performed by the communication means.

Claim 2 (Currently amended): The multimode communication terminal according to claim 1, further comprising:

 battery voltage detection means for detecting a battery voltage of the secondary-rechargeable battery; and

 charging current detection means for detecting a charging current supplied to the secondary-rechargeable battery,

 wherein the communication means is conformed to a CDMA communication schema and a TDMA communication schema,

 wherein the charging control means performs constant-current and constant voltage charging control when the communication means communicates based on the CDMA communication schema, and

 wherein, while the communication means communicates based on the TDMA communication schema, the charging control means performs constant-current charging control when a battery voltage of the secondary-rechargeable battery detected by the battery voltage detection means is less than a predetermined voltage threshold value, and stops charging operation when a battery voltage of the secondary-rechargeable battery detected by the battery voltage detection means is equal to or larger than the predetermined voltage threshold value.

Claim 3 (Currently amended): The multimode communication terminal according to claim 2, further comprising:

 detection timing generation means for generating, in accordance with the communication schema, a timing for detecting a charging current supplied to the secondary rechargeable battery by the charging current detection means and a timing for detecting a battery voltage of the secondary rechargeable battery by the battery voltage detection means,

 wherein the detection timing generation means generates timings of a predetermined period when the communication means communicates based on the CDMA communication schema, and generates timings avoiding a signal transmission timing of the communication means when the communication means communicates based on the TDMA communication schema.

Claim 4 (Original): The multimode communication terminal according to claim 1, 2 or 3,

 wherein the charging control means switches the charging control method in accordance with switching of the communication schema for communication performed by the communication means.